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United States Patent
Otake , et al.**6,246,934**
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Vehicular data recording apparatus and method

Abstract

A vehicular data recording apparatus records running data regarding a vehicle into a memory in an overwrite manner when the running data needs to be recorded. If the vehicle enters an abnormal state, such as a crash or the like, the apparatus prevents the recording, and retains the running data recorded up to that moment in the memory. The apparatus determines whether the vehicle is in the abnormal state, for example, on the basis of a determination as to whether the vehicle has entered a stopped state within a predetermined time T_c following a time point at which the absolute value of a longitudinal acceleration G_x of the vehicle becomes equal to or greater than a reference value G_{x1} and/or a time point at which the absolute value of a lateral ac